

Job:- 016-22-000004.
M. A. R. 57 (Rule 116)
No. E

371840

Measurement Book

Serial No.
Name of work Replacement of damaged VC cable, Panel Board, poles and fittings etc at parks and play grounds comes under
Name of Contractor of nature of Agency Ward No-16, 37, 38 and 42 of RK Nagar Zone m/s Praharth Electricals
Date of commencement of work

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth		
1	2	3	4	5	6	7
1	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multi strand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-6944: confirming to latest amendments 1.5 sqmm. Qty → $95 \times 10.0 = 950.00$ ✓					
2	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, standard Aluminium wire single core in open or concealed system of wiring 4 sqmm. Qty → $75 \times 9.0 = 675.00$ ✓					

MEASUREMENT BOOK

	Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth		
1.			3	4	5	6	7	8
3.		Supplying and fixing miniature circuit breakers on existing members distribution boards using necessary fitting materials as per C type curve, indicator ON/OFF, energy costs-3 with slot circuit breaking capacity of 10kva and complete wiring required conforming to IE & 60898, 40 Amps DP. Each → Hx 1200.0 = 4800.00. H. Supply and fixing of Apole power contactor with NO/N contacts on existing wood panel board etc.. complete with AC-3 Rating and as per IS-13947, 50 to 70 Amps. Each → HX 3000.0 = 12000.00						

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No. E

371841

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth		
1	2	3	4	5	6	7
5.	Supplying and fixing Microprocessor based Electronic timer (1000000 contactor, Din mounting along necessary belts, nuts, and washers etc 3-120 sec setting.	Each → 4	1750.0	= 7000.00		
6.	Supplying of 1.1 kv LT VV cable insulated, PVC extruded Jomex Sheath armoured VV LT cable as per IS-1554 (part-1) or IS-7058 part-1. Armouring strip thickness in average +5% and as per IS-3975 4 core 10 sqmm.	mtg → 100	100.0	= 10000.00		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Referen to last Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7.	Labours charges for existing trench at pipe 15 stone ware as required in existing trench / duct.	6	11.11	1.11	0.30	16 sqm	
8.	Digging of trench of 0.6m deep x 0.30m x 0.30m to the required level and consolidating etc complete.	100	5.0	5.0	5.0	500.00	
9.	Supplying tinned copper burs and connecting and wiring to terminal point for 10 sqm	20	5.0	5.0	5.0	100.00	

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No. E
371842

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
10.	16 sqmm	Each → 12	8.0	96.00		
11.	supplying & fixing on existing wooden/panel washers. 63 Amps.	Each → 2	75.0	150.00.		
12.	Supply and Installation / Fixing / Provision of pole box with HRC fuse / MCB provision and suitable connections with loop-in & loop-out terminals for 10 sqmm / 25 sqmm	3.5	At / 100	cable	and branch out	2.5 sqmm

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Rate to Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	2 core Al/Cu PVC insulated cable, enclosed in a Thermoplastic polystyrene enclosure, which should be shock proof, safe, IP65 dust proof, dust proof water proof having Internally Embedded Copper with provision for cable entry through IP65 Thermoplastic, polymeric glands and/or grommets 200mm x 250mm x 98mm, Each → 5 x 1500.00 = 7500.00						
13	Supply of LED pole mounting type post top lantern with pressure die cast aluminium housing having body for optimal thermal dissipation, delivering superior light output. Rated life 100,000 hrs etc complete per the specification. LED Post Top Lantern with 35 W						

NO → 6 x 6000.00 = 36000.00

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371843

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
14.	Supply of LED street light aluminium housing body for compartment comprising of Injection moulded polycarbonate light output Rated life Burning as per the specification as per the LED manufacturer & core LED street light 25 watts.	NO →	15 X	1500.0	=	22500.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to be Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15.	Supplying & fixing LED Drivers suitable for 5700K LED fitting outdoor fixtures. Operating voltage range from 180V to 265V, 50Hz AC power supply & 25W 5700K suitable for outdoor LED fitting.						
17.	Fabricating supplying and mounting MS box made out SWG suitable for floor/wall mounting, fully weather proof with provision for battery heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, etc complete with double door and Top canopy 16SWG, 25000 sqcm	Each → 12X 1198.0 = 14376.00					
		sqcm	50000 x 0.35 = 17500.00				
		sqcm	Each Dimension 900 x 600 x 214mm				

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371844

Serial No.

Name of work From To

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions			Depth	Contents	Reference to last Measurement
		Number	Length	Breadth			
1	2	3	4	5	6	7	8
18.	Supplying and fixing m.s. angle iron. and painted with 2 coats of red oxide and approved paint - 400 x 400 x 6 mm.	angle iron - frame work bolts, washers etc, and					
19.	Wiring for lighting / power circuit 1100V grade, multistrand in open or concealed confirming to ATP	mts → 10 x 100.0 = 1000.00					
		using one of FRAS-PVC insulated copper conductors single core wire system of wiring as per IS-694 : 1990 & of GRDP-B @ 16 sqmm.					
		Per mts → 8 x 80.0 = 640.00					

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Date	Full description, etc, of work	Dimensions				Contents	Refer to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
20.	Supplying fixing, wiring, conduits. I.C. cutouts meter board wong 40mm 2.5.mts long buried with equal proportion of salt and charcoal 150mm all round the pipe to complete. the pipe shall have 16 through holes of 12 mm dia.	Earth electrode for grounding and other equipments on the dia 2.90mm thick GI pipe pit.. The pit should be filled with equal proportion of salt and charcoal 150mm depth. etc complete as per specification. the pipe shall have 16 through holes of 12 mm dia.	No → 1 X	1500.0	1500.00		
			Total =	142747.00			
			Add	12.1. 65 =	17130.00		
			Total Bill Amt =	159877.00			

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371845

Serial No.

Name of work From To

Name of Contractor of nature of Agency

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	<i>Certificate :-</i> 1) Certified that work is Executed Satisfactorily. 2) The bill amount Rs claimed in the bill has not been claimed in any of the other previous bills.						

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Signature
ಸಹಾಯಕ ಅಭಿಯಂತರರು (ಮೆಚುರ್)

ತಾ.ಪಂ.ಸಂಖ್ಯೆ ೧೧೦ ಎಂ.ಎಂ.ಸಂಖ್ಯೆ ೧೧೦, ೨೨೦೭೪೦೨೦.

ASST. EXECUTIVE ENGINEER (F.I.E) Rajajeshwari Nagar 2
Bruhat Bengaluru Mahanagara Palike

Adjustments Details	
IT	1599-00
CGST	1427-00
SGST	1427-00
CBF	160-00
FSD	—
LC	1599-00
FINE	—
OTHERS	—
TOTAL	6212-00
NETT	15366500.

Adjustments Details	
IT	1599-00
CGST	1427-00
SGST	1427-00
CBF	160-00
FSD	—
LC	1599-00
FINE	—
OTHERS	—
TOTAL	6212-00
NETT	15366500.

Passed for Rs.	159877-00	Only
Nett Cheque Rs.	158665-00	Only
Adjustment Rs.	6212-00	Only
Rs in Words	one lakh fifty three thousand six hundred sixty five only	
Products Supd.		
RRR1Z	RRR1Z	RRR1Z
BBMP	BBMP	BBMP